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THE ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, DC
U.S. PATENT

Dear Sir:

Transmitted herewith for filing is the Patent Application of Inventors:

Xiaoping Bian
Mary Frances Doerner
James A. Hagan
Tim Minvielle
Mohammad Taghi Mirzamaani
Adam Daniel Polcyn
Kai Tang

For: Magnetic Thin Film Media with a Pre-seed Layer of CrTi

Enclosed with the Patent Application are:

7 Sheet(s) of X formal informal drawing(s)
X A Declaration and Power of Attorney (Unsigned)

The filing fee has been calculated as shown below:

(Col. 1)		(Col. 2)	OTHER THAN A SMALL ENTITY	
FOR:	NO. FILED	NO. EXTRA	RATE	FEE
BASIC FEE				\$ 710
TOTAL CLAIMS	25	- 20 = 5	x 18 =	\$ 90
INDEP. CLAIMS	5	- 3 = 2	x 80 =	\$ 160
0			+270 =	\$
MULTIPLE DEPENDENT CLAIM PRESENTED			TOTAL	\$ 960

*If the difference in Col. 1 is less than "0",
enter "0" in Col. 2

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X Any additional filing fees required under 37 CFR 1.16.
X Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

(x) G. Marlin Knight

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EXPRESS MAIL CERTIFICATE

I hereby certify that the paper(s) referenced above is (are) being deposited with the United States
Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to the U.S. Patent and
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